AMENDMENTS TO THE SPECIFICATION

On page 1, please delete the title "OSTEOGENIC DEVICES" and replace with the following title:

NUCLEIC ACID MOLECULES ENCODING OSTEOGENIC PROTEINS

On pages 9-11, please replace the paragraph starting with "In one preferred aspect" and ending with "such activity" with the following amended paragraph:

In one preferred aspect, these proteins comprise species of the generic amino acid sequences (SEQ ID NO: 3 and SEQ ID NO: 4, respectively):

```
1         10         20         30         40         50
      LXVXFXDXGWXXWXXXPXGXXAXYCXGXCXXPXXXXXXXXNHAXX
          60         70         80         90        100
QXXVXXXNXXXXPXXCCXPXXXXXXXXLXXXXXXXVXLXXYXXMXVXXCXCX

or
1         10         20         30         40         50
CXXXXLXVXFXDXGWXXWXXXPXGXXAXYCXGXCXXPXXXXXXXXNHAXX
          60         70         80         90        100
QXXVXXXNXXXXPXXCCXPXXXXXXXXLXXXXXXXVXLXXYXXMXVXXCXCX
```

where the letters indicate the amino acid residues of standard single letter code, and the Xs represent amino acid residues. Preferred amino acid sequences within the foregoing generic sequences are (SEQ ID NO: 5 and SEQ ID NO: 6, respectively):

```
          10         20         30         40         50
      LYVDFRDVGWNDWIVAPPGYHAFYCHGECPFPLADHLNSTNHAIV
       K S S L  QE VIS E FD Y  E A AY MPESMKAS   VI
       F E K I  DN     L    N  S   Q  ITK F P    TL
           A    S      K

          60         70         80         90        100
QTLVNSVNPGKIPKACCVPTELSAISMLYLDENENVVLKNYQDMVVEGCGCR
~~SI HAI SEQV EP  A  EQMNSLAI FFNDQDK I RK EE T DA H H~~
 SI HAI SEQV EP  A EQMNSLAI FFNDQDK I RK EE T DA H H
    RF    T   S     K DPV V  Y N S     H RN   RS
     N    S                    K       P     E
```

and

```
         10         20         30         40         50
CKRHPLYVDFRDVGWNDWIVAPPGYHAFYCHGECPFPLADHLNSTNHAIV
 RRRS K S S L  QE VIS E FD Y  E A AY MPESMKAS   VI
   KE F E K I  DN     L    N  S   Q  ITK F P    TL
    Q     A    S      K

         60         70         80         90         100
QTLVNSVNPGKIPKACCVPTELSAISMLYLDENENVVLKNYQDMVVEGCGCR
 SI HAI SEQV EP  A EQMNSLAI FFNDQDK I RK EE T DA H H
    RF    T   S     K DPV V  Y N S     H RN   RS
     N    S                      K       P     E
```

Wherein each of the amino acids arranged vertically at each position in the sequence may be used alternatively in various combinations. Note that these generic sequences have 6 and preferably 7 cysteine residues where inter- or intramolecular disulfide bonds can form, and contain other critical amino acids which influence the tertiary structure of the proteins. These generic structural features are found in previously published sequences, none of which have been described as capable of osteogenic activity, and most of which never have been linked with such activity.